FLEXIBLE METHOD AND APPARATUS FOR PERFORMING DIGITAL MODULATION AND DEMODULATION

ABSTRACT OF THE DISCLOSURE

A method of processing data based on programmed instructions includes referencing a number of locations in memory by forming addresses and correct buffer mappings corresponding to separate buffers in the plurality of buffers, and communicating data from the referenced locations in memory to a processing unit. The processing unit concurrently receives inputs from the separate buffers in the plurality of buffers and outputs to another buffer in the plurality of buffers.